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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mark S. Moir et al.

Title: OBSTRUCTION-FREE SYNCHRONIZATION FOR SHARED DATA
STRUCTURES

Application No.: 10/620,748

Filed: July 16, 2003

Examiner: Lewis Alexander
Bullock Jr.

Group Art Unit: 2195

Atty. Docket No.: 004-8252

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P.O. Box 1450
Alexandria, VA 22313-1450**INFORMATION DISCLOSURE STATEMENT****37 C.F.R. § 1.97(b)**

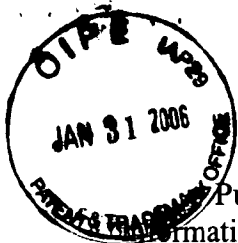
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Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings to the Examiner's attention in the above-identified application the patents, publications, applications or other information identified in the attached:

- ☐ Form(s) PTO/SB/08A (N/A page(s), with copy of no reference(s)).
- ☒ Form(s) PTO/SB/08B (1 page(s), with copy of 10 reference(s)).
- ☐ Listing of Pending Applications (N/A page(s), with copy of no application(s)).
- ☐ Other: N/A

Citation of such information shall not be construed as (i) an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention, (ii) a representation that a search has been made, other than as described herein, or (iii) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

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- ☐ Certain information was submitted to, or cited by, the Office in Application No(s). N/A, filed N/A, to which the above-identified application claims priority under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of that information are not included.
- ☐ Pursuant to 1287 OG 163 (October 19, 2004), for those cited pending U.S. patent applications filed (or which entered the national stage under 35 U.S.C. § 371) on or after June 30, 2003 or which are otherwise stored in the USPTO's Image File Wrapper system, copies are not included.

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- ☐ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
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If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.

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Kimberley Elcess
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27-Jan-06
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Respectfully submitted,

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PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8252
		Application No.: 10/620,748
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Mark S. Moir
		Filing Date: July 16, 2003
		Group Art Unit: 2195
		Examiner Name: Lewis Alexander Bullock, Jr.
		Date Submitted: January 27, 2006

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	AGESEN, Ole et al., "An Efficient Meta-Lock for Implementing Ubiquitous Synchronization," ACM SIGPLAN Notices, vol. 34, no. 10, pp. 207-222, October 1999.	
	2	ANDERSON, James H. et al., "Universal Constructions for Large Objects," <i>IEEE Transactions on Parallel and Distributed Systems</i> , vol. 10, no. 12, pp. 1317-1332, 1999.	
	3	FAROOK, Mohammad et al., "Managing Long Linked Lists Using Lock Free Techniques" in <i>High Performance Computing Systems and Applications, Chapter 37</i> (pp. 407-422), Kluwer Academic Publishers, October, 1998.	
	4	MELLOR-CRUMMEY, J., et al., "Algorithms for Scalable Synchronization on Shared-Memory Multiprocessors," <i>ACM Transactions on Computer Systems</i> , vol. 9, no. 1, pp. 21-65, February 1991.	
	5	PRAKASH, Sundeep et al., "Non-Blocking Algorithms for Concurrent Data Structures," Technical Report 91-002, University of Florida, July 1, 1991 [URL: http://citeseer.ist.psu.edu/prakash91nonblocking.html].	
	6	PRAKASH, Sundeep et al., "A Nonblocking Algorithm for Shared Queues Using Compare-and-Swap," <i>IEEE Transactions on Computers</i> , vol. 43, no. 5, pp. 548-559, May 1994.	
	7	SHANN, Chien-Hua et al., "A Practical Nonblocking Queue Algorithm Using Compare-and Swap," <i>Proceedings of the Seventh International Conference on Parallel and Distributed Systems</i> p. 470, IEEE Computer Society, Washington, D.C., 2000.	
	8	SHAVIT, N., et al., "Elimination Trees and the Construction of Pools and Stacks," <i>Theory of Computing Systems</i> , vol. 30, pp. 645-670, 1997.	
	9	STONE, Janice M., "A simple and correct shared-queue algorithm using Compare-and-Swap," <i>Proceedings of the 1990 ACM/IEEE Conference on Supercomputing</i> , pp. 495-504, IEEE Computer Society, New York, NY, 1990.	
	10	VALOIS, John D., "Lock-Free Linked Lists Using Compare-and-Swap," <i>Proceedings of the Fourteenth ACM Symposium on Principles of Distributed Computing</i> , pp. 214-222, ACM Press, New York, NY 1995.	
Examiner Signature		/Sheng Jen Tsai/	Date Considered
			04/29/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language Translation is attached.

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